

CLAIMS

1. A solar cell ordering system for planning a photovoltaic power system, making a cost estimate thereof, and placing an order thereof, the solar cell ordering system comprising:

roof shape creating means for creating roof shape data based on inputted roof information;

module layout means for designing a layout of a solar cell module using the roof shape data, and drawing up a list of members of necessity for the photovoltaic power system;

estimate creating means for drawing up estimate information using the list of members and unit price information showing a unit price of each member; and

order information processing means for placing an order for the members using the estimate information and order application information including information regarding a customer, which is necessary for application of the order placement.

2. The solar cell ordering system of claim 1, wherein the roof information includes information showing a shape of a roof, which is depicted by a profile line of the roof when the roof is seen from a top, and includes at least one piece of information among information showing

a variety of roof materials, information showing a type of the roof, and information showing a relation between shape and direction of the roof.

3. The solar cell ordering system of claim 1, wherein the list of members includes at least name and quantity of each of the members.

4. The solar cell ordering system of claim 1, wherein the unit price information includes at least name and a unit price of each of the members.

5. The solar cell ordering system of claim 1, wherein the estimate information includes at least a name of each of the members, a quantity of each of the members, a unit price of each of the members, and a total price of all the members.

6. The solar cell ordering system of claim 1, wherein the order application information includes at least one of a name of a customer, an address of the customer, an address of an installation site, a payment method, and a desired installation date.

7. The solar cell ordering system of claim 1, wherein

the order information processing means draws up order contract information to be sent to a customer, order information for giving an instruction of procurement of the members, shipping instruction information for giving an instruction of shipping of the procured members, and installation completion confirming information having a content written thereon that the photovoltaic power system has completely installed.

8. The solar cell ordering system of claim 7, wherein the order contract information includes at least a name of a customer, an address of the customer, an order accepted date, and an installation date.

9. The solar cell order system of claim 7, wherein the shipping instruction information includes at least a name of a customer, an address of the customer, an address of an installation site, a name of each of the members, a quantity of each of the members, a name of a constructor, a contact address of the constructor, and a scheduled installation date.

10. The solar cell order system of claim 1, further comprising module information obtaining means for obtaining module information including a module output

value of a to-be-installed solar cell module based on a module serial number which is a number or a symbol attached for discriminating individual solar cell modules, a module output value showing a production of electricity of an individual solar cell module, and a module serial number of the to-be-installed solar cell module.

11. The solar cell order system of claim 10, wherein the module information obtaining means draws up customer information for coordinating the module information and name or address of a customer.

12. The solar cell order system of claim 1, wherein input and output of information are carried out using a network.